



2013-07-15

Professor Peter Denning, Biography

Denning, Peter

Naval Postgraduate School, Monterey, CA.

<http://hdl.handle.net/10945/34611>



Calhoun is a project of the Dudley Knox Library at NPS, furthering the precepts and goals of open government and government transparency. All information contained herein has been approved for release by the NPS Public Affairs Officer.

**Dudley Knox Library / Naval Postgraduate School
411 Dyer Road / 1 University Circle
Monterey, California USA 93943**

<http://www.nps.edu/library>



Peter Denning is a Distinguished Professor at the Naval Postgraduate School in Monterey, California. He chairs the Computer Science Department and directs the Cebrowski Institute, an interdisciplinary research center for information innovation. He held previous faculty positions at Princeton, Purdue, and George Mason, and he was founding director for the computer science research institute RIACS at NASA Ames.

In his early career he was a pioneer in virtual memory and in the development of principles for operating systems. He made substantial contributions to performance evaluation when that industry was getting launched. He co-founded CSNET, the computer science network of NSF, and shared in the 2009 Internet Society Postel Award for the achievement; CSNET was the first community network bridge from the original ARPANET to the modern Internet.

He has been an active leader since 1967 in the Association for Computing Machinery (ACM), the leading professional society for computing. He was president in 1980-82. He was also vice president, chair of three boards, and editor of the monthly magazine. He led the ACM Digital Library project that made ACM the first professional society with its entire literature on-line.

He has been a prolific author, publishing over 350 articles in computer science and 9 books. His books include *The Invisible Future* (McGraw, 2001) and *Beyond Calculation* (Copernicus, 1997). His most recent book is *The Innovator's Way* (with Bob Dunham, MIT Press 2010), about the essential practices of successful innovation.

He holds twenty-seven awards, including three honorary degrees, three professional society fellowships, six technical achievements, three best-papers, three distinguished service awards, a hall of fame award, and several outstanding educator awards.